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OM nucleic - nucleic search, using sw model

Run on: September 4, 2002, 10:19:06 : Search time 127.89 Seconds
(without alignments)
3854.769 Million cell updates/sec

Title: US-09-052-089A-7
Perfect score: 2007
Sequence: 1 GTCCGCTGACGCAATTGTG.....AAAAAAAAAAAAAAAAAAAA 2007

Scoring table: IDENTITY NUC
Gapop 10.0, Gapext 1.0

Searched: 383533 seqs, 122816752 residues

Total number of hits satisfying chosen parameters: 767066

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_NA:*
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5: /cgn2_6/ptodata/2/lna/PCTUS_COMB.seq:*
6: /cgn2_6/ptodata/2/lna/backfile1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	2007	100.0	2007	4	US-09-052-089A-7
2	1890.8	94.2	2065	2	US-08-968-751-1
3	1062.8	53.0	1975	4	US-09-052-089A-8
4	65.8	3.3	7218	1	US-08-232-463-14
5	52	2.6	3489	2	US-08-728-323A-1
6	52	2.6	32207	2	US-08-770-379-20
7	52	2.6	32207	4	US-08-757-669A-20
8	52	2.6	32207	4	US-09-230-371A-20
9	44.2	2.2	51259	3	US-08-781-891-209
10	44	2.2	2887	2	US-08-533-306A-3
11	44	2.2	2887	2	US-08-742-923A-3
12	43.6	2.2	16442	3	US-08-781-891-208
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26	40	2.0	2223	1	US-08-439-818A-8
27	40	2.0	2223	2	US-08-751-965-8

28	40	2.0	2223	2	US-08-738-975-8	Sequence 8, Appl1
29	40	2.0	2223	2	US-08-728-626-8	Sequence 8, Appl1
30	40	2.0	2223	3	US-08-808-599A-8	Sequence 8, Appl1
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32	39	1.9	456	2	US-08-557-309B-16	Sequence 16, Appl1
33	39	1.9	456	2	US-08-834-306-16	Sequence 16, Appl1
34	39	1.9	456	4	US-08-993-674A-16	Sequence 16, Appl1
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36	38.8	1.9	1995	2	US-08-317-844B-3	Sequence 3, Appl1
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40	37.8	1.9	414	1	US-08-436-717-85	Sequence 85, Appl1
41	37.8	1.9	7218	1	US-08-232-463-14	Sequence 14, Appl1
42	37.4	1.9	3921	2	US-08-567-375-3	Sequence 3, Appl1
43	37.4	1.9	3921	2	US-08-587-680A-3	Sequence 3, Appl1
44	37.4	1.9	5992	2	US-08-475-891A-3	Sequence 3, Appl1
45	37.2	1.9	2214	3	US-08-864-038A-1	Sequence 1, Appl1

ALIGNMENTS

RESULT 1
US-09-052-089A-7
Sequence 7, Application US/09052089A
Patent No. 6346605
GENERAL INFORMATION:
APPLICANT: Lee, Soo Y.
TITLE OF INVENTION: SIGNAL TRANSDUCER FOR THE TNF RECEPTOR SUPER FAMILY, AND USES THEREOF
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: David A. Jackson, Esq.
STREET: 411 Hackensack Ave, Continental Plaza, 4th Floor
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/052,089A
FILING DATE: 31-Mar-1998
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-198 CIP 1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 2007 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-09-052-089A-7
Query Match 100.0%; Score 2007; DB 4; Length 2007;
Best Local Similarity 100.0%; Pred. No. 0;

Matches 2007; Conservative 0; Mismatches 0; Indels 0; Gaps 0;				
QY	1	GTGCGGTGGAGCCAAATTTGAGCAAGCGAGCGGGCCCTCTACGAACCGGACCTGT	60	
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QY	61	AGCAGTTTCTTTGGCTGCTGGGGCCCTTGAAGTCCAGCCATCATGCTATCCGTCGTG	120	
Db	61	AGCAGTTTCTTTGGCTGCTGGGGCCCTTGAAGTCCAGCCATCATGCTATCCGTCGTG	120	
QY	121	TGCATATCTGCTCCGACTTCTTGATCACTCCCGAGCTGGCGCCATCACTGCGGC	180	
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QY	181	CACACCTTCCACTTGCACTGCTTAATTCATCTCTTTGAGACAGACCAATCGGACTGC	240	
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QY	241	CCACAGTGGCCGAATCCAGTTGGCAAAAGAACATTAATCAATAAGCTCTTTGATCTT	300	
Db	241	CCACAGTGGCCGAATCCAGTTGGCAAAAGAACATTAATCAATAAGCTCTTTGATCTT	300	
QY	301	GCCCAAGAGAGAGAAATGCTTGATCGAATTTCTTAAAGAAATGAATGAGTGCATGTC	360	
Db	301	GCCCAAGAGAGAGAAATGCTTGATCGAATTTCTTAAAGAAATGAATGAGTGCATGTC	360	
QY	361	AGAGCCCAAGCTTCCCAAGAAAGCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG	420	
Db	361	AGAGCCCAAGCTTCCCAAGAAAGCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG	420	
QY	421	CTGCGGATACGCTGAGAGAACGCAATGCTACTGTGCTGCTGAGAGAGAGAGAGAG	480	
Db	421	CTGCGGATACGCTGAGAGAACGCAATGCTACTGTGCTGCTGAGAGAGAGAGAGAG	480	
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Db	541	GATGAGACCAAAAG	600	
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QY	781	AAGGATTTGTTTTCTCCAGAGCAAGTTGCAGACGTACTCTGTAATTTGATCAGGCC	840	
Db	781	AAGGATTTGTTTTCTCCAGAGCAAGTTGCAGACGTACTCTGTAATTTGATCAGGCC	840	
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Db	1021	CGGCCATCTTCCGTGATGATATTGATCTCAATGCTACTTTGATGTGATCTCCGCCA	1080	

QY	1081	GGCCGGCCCTCCAGCTCCAGCATGGTTACTACGAAAACTTTGCCAGAGATGCACAC	1140	
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Db	1201	TCACTGGGTGCCAGAGCTTGCAGAGAGCCAGATGAGAACTGGTGGCTTCCCT	1260	
QY	1261	ATTTTGTCCGGAATGCATCTTAGGCAGAAAACAGCCCAAAAGGCCAGTCAAGTCC	1320	
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QY	1381	ATCCAGCTTACTGACACATGATTCGCCATTGCTTTAAGCCCAAGACCAAGTT	1440	
Db	1381	ATCCAGCTTACTGACACATGATTCGCCATTGCTTTAAGCCCAAGACCAAGTT	1440	
QY	1441	AAGCAGAGGGTGAAGGAGAGACCGGCTTCTCTCTCCAGGCCAAAGCTGAGACCTTC	1500	
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QY	1501	CTGTGTCTGAGAACAGTGAATGCTGACCAATGGCCAGACATGCTGCACTTGTAGG	1560	
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Db	1801	CTGGGCTTGAGACCAAGGTCACATGTTGACTGCTGTGAGACCAAGAGTCTTGAAGCA	1860	
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RESULT 2
US-08-968-751-1
; Sequence 1, Application US/08968751
; Patent No. 5948645
; GENERAL INFORMATION:
; APPLICANT: Rudinfeld, Bonnee
; APPLICANT: Polakis, Paul G.

APPLICANT: Ligenfelter, Carol
APPLICANT: Vuong, Terilyn T.
TITLE OF INVENTION: MODULATORS OF BRCA1 ACTIVITY
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: ONYX Pharmaceuticals, Inc.
STREET: 3031 Research Drive
CITY: Richmond
STATE: CA
COUNTRY: USA
ZIP: 94806
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/968, 751
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Giotta, Gregory
REGISTRATION NUMBER: 32,028
REFERENCE/DOCKET NUMBER: ONYX1024 GG
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 262-8710
TELEFAX: (510) 222-9758
INFORMATION FOR SEQ. ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2065 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FEATURE:
NAME/KEY: CDS
LOCATION: 103..1512
US-08-968-751-1

Query Match 94.2%; Score 1890.8; DB 2; Length 2065;
Best Local Similarity 98.9%; Pred. No. 0;
Matches 1946; Conservative 0; Mismatches 17; Indels 5; Gaps 4;

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QY 404 AGGTGATCATGACACTGTGGGGATACGCTGGAAGAAAGCAATGCTACTGTATCTC 463
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DB 884 ACAAGGAATCATGAGCTGAAAAAAGAGCTAAAGATGCTGACAGAAACCTTGAACTGC 943
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DB 944 CACCAGTGGCAGTGAACGTGACACCGCTGCTTTAGAGACCCAGCCCGCTGTGAGG 1003
QY 1004 TGAATCTGAAGCTCCGCGGCCCATCTCCGTGATGATATTGATCTCAATGCTACCTTTG 1063
DB 1004 TGAATCTGAAGCTCCGCGGCCCATCTCCGTGATGATATTGATCTCAATGCTACCTTTG 1063
QY 1064 ATGTGATACCTCCCGCCAGCCGCGCCCTCAGCTCCAGATGTTACTAGCAAAAACCTTT 1123
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DB 1124 GCTAGAGAAATCACTCCCAATTTAGATGTCTCCCAAGAAATATGCAAAAGGCCCA 1183
QY 1184 GGAAGAGTCCAGACTCTCACTGGGTGGCCAGAGCTGTGAGAGAGAGCCAGATGAGAAC 1243
DB 1184 GGAAGAGTCCAGACTCTCACTGGGTGGCCAGAGCTGTGAGAGAGAGCCAGATGAGAAC 1243
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QY 1364 GTGCGCGAGCAAAATTCATCCAGGCTACTGACAGATGATCCGCAATTCCTCTTCA 1423
DB 1364 GTGCGCGAGCAAAATTCATCCAGGCTACTGACAGATGATCCGCAATTCCTCTTCA 1423
QY 1424 AGCCCAAGACCAAGTTTAAGCAGAGGTTGAGGTTGAAGACCGTCTCTCTCCAGG 1483
DB 1424 AGCCCAAGACCAAGTTTAAGCAGAGGTTGAGGTTGAAGACCGTCTCTCTCCAGG 1483
QY 1484 CCAAGCTGAGACCTTCTCTGTGTGTGAGAAACAGTGAAGTGAACCAATGGCCAGACACA 1543
DB 1484 CCAAGCTGAGACCTTCTCTGTGTGTGAGAAACAGTGAAGTGAACCAATGGCCAGACACA 1543

QY	1544	TGTCGAACTTGTAGGTCGAAGACATGTCCAGCAGAGG--TTTGTGGACAGACGCCCTACT	1601
Db	1544	TGCTCGAACTTGTAGGTCGAAGACATGTCCAGCAGAGGTTTTTGTGGACAGAGCCCCACT	1603
QY	1602	TTTCGGGACACAGCCGTGAGGTGTTAAGGGCAGACAAACAGGTGAGGGGTGAGTGTGACACCAG	1661
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QY	1662	AGACTGCTCTTTCCTGCCCCCTACCCCTGCCCCACTCCTAGACTTGGGAGCTGACATGACCAG	1721
Db	1664	AGACTGCTCTTTCCTGCCCCCTACCCCTGCCCCACTCCTAGACTTGGGAGCTGACATGACCAG	1723
QY	1722	CCCACTGATCCTGTGCACGAGGTCTGTCT--CTGTTCGCAGGCTCTTGTATTATGACCATGAT	1780
Db	1724	CCCACTGATCCTGTGCACGAGGTCTGTCTCTGTGTTCGACAGGCTCCTGTTATTATGACCATGAT	1783
QY	1781	CAGATGTGTGCAGACTCTTTCTGTGGGCCCTGGAGACCAAGGTCACTTTGTGACTGTCTCTGT	1840
Db	1784	CAGATGTGTGCAGACTCTTTCTGTGGGCCCTGGAGACCAAGGTCACTTTGTGACTGTCTCTGT	1843
QY	1841	GGACCAAGAGGCTTGGAGGAACTTCACGAGAGCCCAACCCCAACCTTCACCTGCGCCCTTGAC	1900
Db	1844	GGACCAAGAGGCTTGGAGGAACTTCACGAGAGCCCAACCCCAACCTTCACCTGCGCCCTTGAC	1903
QY	1901	TTTGCTTCTTA--GCATAGGCTTGGGCCAAGCAGAGGTTGGGGAATGAGAGATAGACATGGGATGT	1959
Db	1904	TTTGCTTCTTAAGGCATAGGCTTGGGCCAAGCAGAGGTTGGGGAATGAGAGATAG--CATGGGATGT	1962
QY	1960	ATGAGAGAGATGAGAAATTTTCCCGGAAAAAAAAAAAAAAAAAAAAA	2007
Db	1963	ATGAGAGAGATGAGAAATTTTTCATGTGTAAATATAAATAAAAAAAAAA	2010

RESULT 3
 US-09-052-089A-8
 Sequence 8, Application US/09052089A
 Patent No. 6346605
 GENERAL INFORMATION:
 APPLICANT: Lee, Soo Y.
 Choi, Yongwon
 TITLE OF INVENTION: SIGNAL TRANSDUCER FOR THE TNF RECEPTOR SUPER
 FAMILY, AND USES THEREOF
 NUMBER OF SEQUENCES: 16
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: David A. Jackson, Esq.
 STREET: 411 Hackensack Ave, Continental Plaza, 4th
 Floor
 CITY: Hackensack
 STATE: New Jersey
 COUNTRY: USA
 ZIP: 07601
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/052,089A
 FILING DATE: 31-Mar-1998
 CLASSIFICATION: <unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Jackson Esq., David A.
 REGISTRATION NUMBER: 26,742
 REFERENCE/DOCKET NUMBER: 600-1-198 CIP 1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 201-487-5800
 TELEFAX: 201-343-1684
 INFORMATION FOR SEQ ID NO: 8:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1975 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear

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; MOLECULE TYPE: CDNA
;
; HYPOTHETICAL: NO
;
; ORIGINAL SOURCE:
;     ORGANISM: mouse
;
; SEQUENCE DESCRIPTION: SFQ ID NO: 8:
US-09-052-089A-8

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Query Match	53.0%;	Score 1062.8;	DB 4;	Length 1975;
Best Local Similarity	74.6%;	Pred. No. 4.5e-289;		
Matches 1506;	Conservative	0;	Mismatches 447;	Indels 65; Gaps 11

QY	1	GTGCGGTGGAGCGAAATTTTGAAGCAAGCGAGGCGGGGC - - GCCTCTACGAAGCGGACCT	58
Db	9	GTGCGGTGGAGCGAAATTTTGAAGCAAGCGAGGCGGTGGCGGTTCCACCAAACTGTCTCT	68
QY	59	GTAGCAGTTTCTTTGCGTCCCTGGGCCCTTTGAGTCCAGCCATCATCTATCCGTCTC	118
Db	69	GTCTCTG - GCAGTGTGGTCCCTCGGGCTGCTTGAGTCCAGGCCATCATCTCTCTCTC	127
QY	119	TGTGCACATATCGCTCCGACCTTTTTCATCTCATCTCCGCGAGCGTGGCGCCATCCATCGCG	178
Db	128	TGTGCACATATCTGCTCCGACCTTTTTCATCTCATCTCCGCGAGCGTGGCGCCATCCATCTG	187
QY	179	GCCACACCTTCCACTTTTGCAGTGCCTTAATTCAGTCTTTTGAGACGACCAAGTCGACCT	238
Db	188	GCCACACTTTTCATCTGCAATGCGCTTAATCCAGTGGTTTGAGACGACCAAGTCGACCT	247
QY	239	GCCCACTGTCCGGAATCCAGGTGGCAAAAGAACCATTTATCATTAACCTCTTTTATC	298
Db	248	GCCCACTGTATGAATCCAGGTGGCAAAAGACTATTATTAACAACTTTTCTTTTACC	307
QY	299	TTGCCACAGAGAGAGAAATGCTTTGATCCAGAAATTCCTTAAGAAATGAACCTGACCAATG	358
Db	308	TGCGCCAGAGAGAGAGAAATGCTTTGATCCAGAAATTCCTTAAGAAATGAACCTGACAGCG	367
QY	359	TCAGAGCCACGTTTCCAGAAAGCAAGCAAGCAAGCAGCCAGCTATCTGCACA	418
Db	368	TCAAAGCTTCACCTTCCAGAAAGCAAGGAGAAACGGGACAGCCAGGCAATTAATGCACA	427
QY	419	CTCTCGGGGATACGTTGGAAMAGCAATTCGATCTGTGCTCTGTCGACAGGCTTTGG	478
Db	428	CTCTACGGGACACCTCGGAAMAGCAATTCGATCTGTGCTCTGTCGACAGGCTTTAA	487
QY	479	GCAAGCGCGAGATGCTGTGCTCCACACTGAAAAAAGCAGATGAATCTTAAGACAGCAGC	538
Db	488	ACAAAGCGAGATGCTGTGCTTCCACCGTGAATAAGATGAATCTTCTGAGACAGCGCG	547
QY	539	AGGATGACACCAACCAACCAAGAGAGCGGGCGGCTCAGGAGCAAGATGAAGCA	598
Db	548	AGGATGACACCAACCAACCTGGGAGGAGCGCCACCGCACTCAAGTCGACAGATGAAGCA	607
QY	599	TGGACACATTTGAGCTTCTTACTTCCAGAACCCAGTCCCTGAGAGTGGAGAGATGATCCGAG	658
Db	608	TGGACCAATTTGAGTCTCTACTTCCAGAGCCAGCGTTCGAGGTGGAGAGATGATTCGAG	667
QY	659	ACATGGGTGGGACAGTCAACCGGTGGAAACGCTGCTGTCTACTGTGTCTCTCAAGA	718
Db	668	ACATGGGTGGGACAGTCAACCGGTGGAGCGAGCTGTGTCTACTGTGTCTCTCTCAAGA	727
QY	719	AAGATTCAGAGATCTTAATAAGCAGCAGAGGCTCAGAGGAGAGTGGCTGACAAAGCTGA	778
Db	728	AAGATTCAGAGATCTTGAAGAGACCTCGAAGGCCACAGGGAACCTGGCTGACAGTTGA	787
QY	779	GGAAGATTTGTTTCTCTCCAGAAAGCAATTCGACAGACGTCCTACTCTGAATTGGATCAGG	838
Db	788	AGAAGATTTGTTGTCCTCTGAGAGCAAGTTGAAGACTCTCAACACTAGAGCTGGATCAGG	847
QY	839	CCAATTTGAACTGAAGTCACCCAGAAAGCACTTACAGAGGTGTCAGCAAGAAATCATGA	898
Db	848	CCAATTTGAACTGAGTCACCCAGAAAGCACTTACAAAGGTGTCAGCAAGAAATCATGA	907
QY	899	GCTGTAAAAAGAG - CTATACATGCTGAGGAAACCTTTGAACCTGCCACCAAGTCGACAGT	957

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Db 908 GCGTAGAAAGATGATGATCTCCAGGAACTTGAGCTGCTCC -GCGACCAAT 966
QY 958 GAGACGTGACCGCGGTTTAGAGAGCCGCCCCCTGTGA ---GGTAATCTGAAG 1014
Db 967 GAGACGTGACCGCGGTTTAGAGAGCCGCCCCCTGTGAAGATGATGAACCCGAG 1026
QY 1015 CTCGCGCGCGCATCTCCCTGATGATATGATCTCAATCTTACCTTGTGATGATGAT 1074
Db 1027 CTCACACGCGCACCTCTCGGTGATGATGATGATCTCAATCTTGTGATGATGAT 1086
QY 1075 CCCCCAGCGCGCTCCAGCTCCAGAGTGTACTACGAAAAAATTTTGCCTGAGAG 1134
Db 1087 CCTCAACACCGAGACTCTGCTCCAGCATTTGCTCCCAAGAGCTGTCTGAGAGG 1146
QY 1135 TCACACTCCCCAATTGAGATGTCTCCCAAGAAATATGCAAGAGCCCGAGAGAGTCC 1194
Db 1147 GCAGGCTCTCCCATGCAAGATGTCTCAAGAGGTGCAAGAGTCTCAAGCGGAGTCC 1206
QY 1195 CAGCTCTCACTGGGTGGCGCAGAGCTGTGAGAGAGCCCAATGAGAGTGTGTGTC 1254
Db 1207 CAGCTCTCACTGGGTGGCGCAGAGCTGTGAGAGAGCTGATGAGAGTGTGTGTC 1266
QY 1255 TTCCCTAATTTTGTCCGGAATGCCATCTTAGGCCAGAAAGCCCAAGCCAGGTCA 1314
Db 1267 TTCCCTCTCTTCATCCGGAATGCTGTGCTGTCAGAAACAGCCCAAGAGACACAGCA 1326
QY 1315 GAGTCCCTTGCAAGCAAGATGTGTGTAAGAGAGCTTCATGAGGCTGCTGCGCCGACA 1374
Db 1327 GAATCCCGAAGCAGCAAGATGTGTGTAAGATAGGCTTTTGAAGGCGCAACA 1386
QY 1375 AAATTCATCCAGCTTACTGACAGATGATGATGATGATGATGATGATGATGATGAT 1434
Db 1387 AAATTCATCCAGCTTACTGAGGACACACATGATGATGATGATGATGATGATGATGAT 1446
QY 1435 AAGGTTAAGCAGAGGTTGAGGTTGAAAGACCGTCTCTCTTCCAGGCCAAGCTGAC 1494
Db 1447 AAGGTTAAGCAGAGGTTGAGGTTGAAAGATGATGATGATGATGATGATGATGATGAT 1506
QY 1495 ACCTTCTGTGTGCTGTGTAAGAGAGTGTGACCAATGCGCAGACATGCTGCACT 1554
Db 1507 ACCTTCTGTGTGCTGTGTAAGAGAGTGTGACCAATGCGCAGAGTGTGCACT 1551
QY 1555 TGTAGTCAAGGAGCTGTGCA --GGCAGGTTTGTGACAGAGCCCTTCTTGGGACAG 1612
Db 1552 AGTGGGCAAGAGCTGTGCTTAACCGGAAGTGTGTAAGAGTGTGCTCTTGTGAC -- 1608
QY 1613 CTTGAGGTGTAAAGGACAGCAAAAGGTGAGGTTGACGTGACACCCAGAGAGTCTTT 1672
Db 1609 -----AGTCCAAAGAGAGTGTGACCAAGAAACACACTT 1639
QY 1673 CTTGAGGTGTAAAGGACAGCAAAAGGTGAGGTTGACGTGACACCCAGAGAGTCTTT 1732
Db 1640 CTTGAGGTGTAAAGGACAGCAAAAGGTGAGGTTGACGTGACACCCAGAGAGTCTTT 1697
QY 1733 TGTACAGAGTGTGCTGCTGTTGAGGAGTGTGATGATGATGATGATGATGATGATGAT 1791
Db 1698 GATCAGAGAGGCTTACTTCAAGTTGACAGGTTTGTCTTAAGCTACCAACAGAGTGTGCT 1757
QY 1792 AGACTCTTTTGTGAGGCTGTGAGACACAGGTCATCTTGTGCTGTGAGACAG --- 1847
Db 1758 GAGCTCTTTTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1817
QY 1848 -AGTGTGAGGATCTCAGAGCAGCTCAGCCCAAGCTTCTACTGCTTGTGATGATGAT 1906
Db 1818 AGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1877
QY 1907 CTACATAGCTGAGGAGCAAGAGGTTGAGATGAGATGAGATGAGATGAGATGAGATGAGAT 1966
Db 1878 CTGAAATTTATGAGGATGAGTGTGATGAGGAAAGTTTGTGAGGAGTTTCTGTGTAAT 1937
QY 1967 GATGAGAGATTTTCCGAAAAAAGAAAAAAGAAAAA 2004

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Db 1938 AAAAGGATCTTTCTTCAAAAAAAGAAAAA 1975

RESULT 4
US-08-232-463-14/c
; Sequence 14, Application US/08232463
; Patent No. 5670367
; GENERAL INFORMATION:
; APPLICANT: DORNER, F.
; APPLICANT: SCHEIFLINGER, F.
; APPLICANT: FALKNER, F. G.
; TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 1800 Diagonal Road, Suite 500
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22313-0299
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/232,463
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/935,313
; FILING DATE:
; APPLICATION NUMBER: EP 91 114 300.6
; FILING DATE: 26-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: BENT, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 30472/114 IMMU
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)836-9300
; TELEFAX: (703)683-4109
; TELEX: 899149
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 7218 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; CLONE: pTZgpt-Fls
; US-08-232-463-14

Query Match 3.3%; Score 65.8; DB 1; Length 7218;
Best Local Similarity 4.7%; Pred. No. 1.7e-08;
Matches 19; Conservative 230; Mismatches 152; Indels 0; Gaps 0;

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OY 760 GAGGTGGCTGCAAGCTGAGAGAAGGATTTGTTTCTCTCAGAAGCAAGTTGCAGCACTC 819
      :::: :::: :::: :::: :::: :::: :::: :::: :::: ::::
Db 1225 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1166
      :::: :::: :::: :::: :::: :::: :::: :::: :::: ::::
OY 820 TACTCTGAATTGGATCGCGCAAGTTAGAACTCAATGACGCCAGAGAGCTTACAGAGT 879
      :::: :::: :::: :::: :::: :::: :::: :::: :::: ::::
Db 1165 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1106
      :::: :::: :::: :::: :::: :::: :::: :::: :::: ::::
OY 880 GCTGACAAGGAATCATGACCTGAAAGAAAGCACTAAGCAT 920
      :::: :::: :::: :::: :::: :::: :::: :::: :::: ||
Db 1105 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1065
      :::: :::: :::: :::: :::: :::: :::: :::: :::: RRAT

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RESULT 5
US-08-728-323A-1
; Sequence 1, Application US/08728323A
Date of Invention 01/05/2008

```

APPLICANT: Chan, Yuan
APPLICANT: Bohenzky, Roy A.
APPLICANT: Russo, James J.
APPLICANT: Edelman, Isidore S.
APPLICANT: Moore, Patrick S.
TITLE OF INVENTION: Immediate Early Protein From Kaposi's
TITLE OF INVENTION: Sarcoma-Associated Herpesvirus, DNA
TITLE OF INVENTION: Encoding Same And Uses Thereof
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Review #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/728,323A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 0575/52268/JFW/MSC/SKS
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-378-0400
TELEFAX: 212-391-0525
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 3489 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 1..3489
OS-08-728-323A-1

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Query Match	2.68;	Score 52;	DB 2;	Length 3489;
Best Local Similarity	48.98;	Pred. No. 9.3e-05;		
Matches 139;	Conservative 0;	Mismatches 145;	Indels 0;	Gaps 0

[illegible]

Accession	Sequence	Position
Db	2272 GAGCAGGAGCAGCAGGAGGAGCAGAGCAGAGATTAGAGACACAGCAGAGATTAAAG	2331
Qy	625 AGCCAGCTCCCTGAGTGGAGGAGATGATCCAGACATGGGTGGGACAGTCAAGCGGTG	684
Db	2332 GATCAGGAGCAGGAGGTAGGAGGAGCAGAGCAGAGAGTTAGAGAGCAGAGCAGAGAGATTAA	2391
Qy	685 GAAACAGTGGCTGTGTACTGTGTCTCTTCAGAAAGAGTACGACAGATCTAAAGAGCA	744
Db	2392 GAGAGCAGGAGCAGGAGGTTAGAGGAGCAGGAGCAGAGATTAGAGAGCAGAGCAGAGAG	2451
Qy	745 CGGAAGGCTTCAGGGGAGGTGCTGCAAGACGAGAGAGAGATTT	788
Db	2452 TTAGAGGAGCAGGAGGACAGGAGATTAGAGGAGCAGAGCAGAGACTTT	2495

RESULT 6
US-08-770-379-20/c
; Sequence 20, Application US/08770379
; Patent No. 5849564

```

APPLICANT: Chang, Yuan
APPLICANT: Bohenzky, Roy A.
APPLICANT: Russo, James J.
APPLICANT: Edelman, Isidore S.
APPLICANT: Moore, Patrick S.
TITLE OF INVENTION: POLYPEPTIDES FROM KAPOSI'S SARCOMA-ASSOCIATED
TITLE OF INVENTION: HEPSEVIRUS, DNA ENCODING SAME AND USES THEREOF
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/770,379
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 52342
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 278-0400
TELEFAX: (212) 391-0525
INFORMATION FOR SEQ ID NO.: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 3207 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
IS-08-770-379-20

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Query Match	2.68;	Score 52;	DB 2;	Length 32207;
Best Local Similarity	48.98;	Pred. No. 0.00028;		
Matches 139;	Conservative 0;	Mismatches 145;	Indels 0;	Gaps 0;

QY	505	CTGAAAAACAGATTGAAGTCTTACAGCAGCAGCAGGTTGACCAACCAAGCACAAGG	564
Db	19785	CAGATGATGACGACGACGAGGATGACGACGACGAGATTGAACAGGAGCAGCAGGAG	197280
QY	565	GAGCGCGCGCCGCTCAGGACGACAGATGAAAGCATGTGACGACGATTTAGCTTCTTCCAG	624
Db	19725	GACGACGACACGACGACGAGGACGAGGAGGATTTAGGAGCGACGAGGAGTTAGGAG	19666

[illegible]

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1      RESULT          7
2      US-08-757-669A-20/C
3      : Sequence 20, Application US/08757669A
4      : Patent No. 6183751
5      : GENERAL INFORMATION:
6      : APPLICANT: Chang, Yuan
7      : APPLICANT: Bohenzky, Roy A.
8      : APPLICANT: Russo, James J.
9      : APPLICANT: Edelman, Isidore S.
10     : APPLICANT: Moore, Patrick S.
11     : TITLE OF INVENTION: UNIQUE ASSOCIATED KAPOSI'S SARCOMA VIRUS
12     : TITLE OF INVENTION: SEQUENCES AND USES THEREOF
13     : NUMBER OF SEQUENCES: 20
14     : CORRESPONDENCE ADDRESS:
15     : ADDRESSEE: Cooper & Dunham LLP
16     : STREET: 1185 Avenue of the Americas
17     : CITY: New York
18     : STATE: New York
19     : COUNTRY: U.S.A.
20     : ZIP: 10036
21     : COMPUTER READABLE FORM:
22     : MEDIUM TYPE: Floppy disk
23     : COMPUTER: IBM PC compatible
24     : OPERATING SYSTEM: PC-DOS/MS-DOS
25     : SOFTWARE: PatentIn Release #1.0, Version #1.30
26     : CURRENT APPLICATION DATA:
27     : APPLICATION NUMBER: US/08/757,669A
28     : FILING DATE:
29     : CLASSIFICATION: 424
30     : ATTORNEY/AGENT INFORMATION:
31     : NAME: White, John P.
32     : REGISTRATION NUMBER: 28,678
33     : REFERENCE/DOCKET NUMBER: 45185-F
34     : TELECOMMUNICATION INFORMATION:
35     : TELEPHONE: (212) 278-0400
36     : TELEFAX: (212) 391-0525
37     : INFORMATION FOR SEQ ID NO: 20:
38     : SEQUENCE CHARACTERISTICS:
39     : LENGTH: 32207 base pairs
40     : TYPE: nucleic acid
41     : STRANDEDNESS: double
42     : TOPOLOGY: linear
43     : MOLECULE TYPE: DNA (genomic)
44     : IS-08-757-669A-20

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Query Match	2.6%	Score 52	DB 4	Length 32207
Best Local Similarity	48.9%	Pred. No. 0.00028		
Matches 139	Conservative 0	Mismatches 145	Indels 0	Gaps 0

QY	505	CTGA	AAAAAGCAG	AGTGAAGTACTT	TAGACGACGACGACGATGAGACCAACAAACACACAAAGAG	564
Db	19785	CAGGATGAGCAGACACACAGAGATAGACGACGACGACGAGATGAACACAGACGACGACGAGAG	19726			
QY	565	GAGGCGGGCCGGCTCAGGCGCAAGATGAAAGACCAATGAGAGCAGATGAGCTTCTACTCCAG	624			
Db	19725	GAGCAGGAGACGACGACGAGAGCAGGACGAGATTAGAGAACACAGAGACGAGAGTTAGAG	19666			
QY	625	AGCCAGTCCCTGAGAGTGGAGAGATGATCCGAGACATATGGTGTGGGACAGTCACGCGGTG	684			

[illegible]

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RESULT      8
US-09-230-371A-20/c
: Sequence 20, Application US/09230371A
: Patent No. 6348586
: GENERAL INFORMATION:
: APPLICANT: Chang, Yuan
: APPLICANT: Bohenzky, Roy A
: APPLICANT: Russo, James J
: APPLICANT: Edelman, Isidore S
: APPLICANT: Moore, Patrick S
: TITLE OF INVENTION: UNIQUE ASSOCIATED KAPOSI'S SARCOMA VIRUS SEQUENCES AND
: TITLE OF INVENTION: USES THEREOF
: FILE REFERENCE: 45185-G-PCT-05
: CURRENT APPLICATION NUMBER: US/09/230,371A
: CURRENT FILING DATE: 1999-11-17
: PRIOR APPLICATION NUMBER: PCT/US97/13346
: PRIOR FILING DATE: 1997-07-22
: NUMBER OF SEQ ID NOS: 30
: SOFTWARE: PatentIn Ver. 2.0
: SEQ ID NO 20
: LENGTH: 33207
: TYPE: DNA
: ORGANISM: Kaposi's sarcoma-associated herpesvirus
: US-09-230-371A-20

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Query Match	2.6%:	Score 52:	DB 4:	Length 32207:
Best Local Similarity	48.9%:	Pred. No. 0.00028:		
Matches 139:	Conservative 0:	Mismatches 145:	Indels 0:	Gaps 0:

QY	505	CTGAANAAGCAGATGAAGTACTTTAGAGCAGCAGCAGATGAGACCAAAACACACAGAG	564
Db	19785	CAGGATGAGCAGACAGCAGCAGATGATGACGACGACGACGAGATGAACAGAGCAGCAGG	19726
QY	565	GAGCGGGCCCGGCTCAGCAGCAAGATGAAGACCATGAGCAGATTGAGCTTACTCCAG	624
Db	19725	GAGCAGGAGCAGCAGCAGAGGAGCAGGAGCAGGAGTTAGAGACACAGCAGCAGATTAG	19666
QY	625	AGCCAGTCCTCCCTGAGAGTGGAGAGATGATCCAGACATGGTGTTGGAGCAGCAGCGTG	684
Db	19665	GATCAGGAGCAGAGAGTTAGAGGAGCAGCAGCAGGAGTTAGAGGAGCAGCAGCAGATT	19606
QY	685	GAACAGCTGGCTGTGTACTGTGTGTCCTCAAGAAAGAGTACGAGATCTAAAGAGCA	744
Db	19605	GAGGAGCAGGAGCAGAGAGTTAGAGGAGCAGGAGCAGGAGTTAGAGGAGCAGCAGGAG	19546
QY	745	CGGAAGGCGCTCAGGSGAGGTGCTACACAAGCTGAGGAGGATTT	788
Db	19545	TTAGAGGAGCAGGAGCAGGAGTTAGAGGAGCAGGAGCAGGAGTT	19502

RESULT	9
US-08-781-891-209/c	
; Sequence 209, Application US/08781891	
; Patent No. 6090620	
; GENERAL INFORMATION:	
; APPLICANT: Fu, Ying-Hui	
; APPLICANT: Yu, Chang-En	
; APPLICANT: Oshima, Junko	
; APPLICANT: Mulligan, John T.	
; APPLICANT: Schellenberg, Gerald D.	
; TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO	

APPLICANT: Liu, Pu
APPLICANT: Collins, Francis S.
APPLICANT: Siciliano, Michael J.
APPLICANT: Claxton, David
TITLE OF INVENTION: Markers for Detection of Chromosome 16
TITLE OF INVENTION: Rearrangements
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Harness, Dickey & Pierce, P.L.C.
STREET: P.O. Box 828
CITY: Bloomfield Hills
STATE: MI
COUNTRY: USA
ZIP: 48303
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/742,923A
FILING DATE: No. 5869611ember 1, 1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Smith, Dean F.
REGISTRATION NUMBER: 36683
REFERENCE/DOCKET NUMBER: 2115-00869DVC
TELECOMMUNICATION INFORMATION:
TELEPHONE: (810) 641-1600
TELEFAX: (810) 641-0270
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 2887 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
MOLECULE TYPE: linear
TOPOLGY: linear
HYPOTHETICAL: NO
AMTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
INDIVIDUAL ISOLATE: Sample 1
TISSUE TYPE: Acute myelomonocytic leukemia, M4Eo
TISSUE TYPE: subtype (inv16)
POSITION IN GENOME:
CHROMOSOME/SEGMENT: 16[inv(16)(p13q22)]
FEATURE:
NAME/KEY: CDS
LOCATION: 1..2658
US-08-742-923A-3

Query Match 2.2%; Score 44; DB 2; Length 2887;
Best Local Similarity 47.2%; Pred. No. 0.015;
Matches 134; Conservative 0; Mismatches 150; Indels 0; Gaps 0;

530 AGCAGCAGCAGATGAGACCAAAAGCACAAGAGGCGCGGCTCAGAGCAGAGA 589
512 AGATTAAAGCAGCGCTGGAAGAAAGAACGACCTGGCCGGGGAGCTCGGGTGG 571
590 TGAAGACCATGAGCAGATTGAGCTTACTCCAGAGCCAGCTCCCTGAGAGTGAGAGA 649
572 GCCAGCGCAGCAGAGAGGTGAGACATTAAGAAGAAGCTGAGAGCCAGGTGAGAGAC 631
650 TGATCCAGACATGGTGTGGGACAGTCAAGCGGTGGAACAGCTGGCTGTACTGTGTGT 709
632 TGAGTCCAGATGCGAGATGGGAGCGCGGCCCGCGGAGCTCAATGACAAAGTCCACA 691
710 CTCACAGAAAGATAGAGAAATCTAAAGAGCAGCAGAGCCTCAGCGGAGGTGGCTG 769
692 AGCTGCAAGATGAAGTGTGAGCTCAAGGAGATGCTTAACGAGGCCGAGGGAGGCCA 751
770 ACAAGCTGAGGAAGATTTGTTTCTCTCCAGAAAGCAAGTTGACAG 813

Db 752 TTAAGCTGGCCAGAGCAGTGGCGTCCCTCAGTTCACAGCTCCAG 795
||||| ||||| || ||| ||| | ||| |||
RESULT 12
US-08-781-891-208/c
Sequence 208, Application US/08781891
Patent No. 6090620
GENERAL INFORMATION:
APPLICANT: Fu, Ying-Hui
APPLICANT: Yu, Chang-En
APPLICANT: Oshima, Junko
APPLICANT: Mulligan, John T.
APPLICANT: Schellenberg, Gerald D.
TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO
TITLE OF INVENTION: WERNER'S SYNDROME
NUMBER OF SEQUENCES: 209
CORRESPONDENCE ADDRESS:
ADDRESSEE: SEED AND BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
City: Seattle
STATE: Washington
COUNTRY: USA
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/781,891
FILING DATE: 27-DEC-1996
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: No. 6090620tenburg Ph.D., Carol
REGISTRATION NUMBER: 39,317
REFERENCE/DOCKET NUMBER: 240052.419
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 682-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 208:
SEQUENCE CHARACTERISTICS:
LENGTH: 16442 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLGY: linear
US-08-781-891-208

Query Match 2.2%; Score 43.6; DB 3; Length 16442;
Best Local Similarity 47.4%; Pred. No. 0.046;
Matches 130; Conservative 0; Mismatches 144; Indels 0; Gaps 0;

512 AGCAGATGAGTACTTAAAGCAGCAGCAGCAGATGAGACCAACAAAGCAGCAGAGGCGG 571
16440 AGCAGAGAGAGAGAGCAGAGCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 16381
572 GCCGGCTCAGAGCAGATGAAGACATGAGAGCAGATTTAGCTTCTACTCCAGAGCCAGC 651
16380 AGGAGCAGAGCAGAGCAGAGAGAGAGAGAGAGAGCAGAGCAGAGAGAGAGAGAGC 16321
632 TCCCTGAGGTGGAGGAGATATCCGAGACATGGGTGGGACAGTCAAGCGTGAACAGC 691
16320 AGCAGAGAGAGCAG 16261
692 TGCGTGTGTAAGTGTGTCTCTCAAGAAAGATGAGAGATCTAAAGAGCAGCGAAGG 751
16260 AGCAGAGAGAGCAG 16201
752 CCTCAGGGGAGGTGGCTGACAGAGCTGAGAGAGGA 785
16200 AGAAGAGAAAGAGAAAGAAAGAAAGAAAGAA 16167

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RESULT 13
US-08-182-175A-104
; Sequence 104, Application US/08182175A
; Patent No. 5559223
; GENERAL INFORMATION:
; APPLICANT: Saverio Carl Falco
; APPLICANT: Sharon J. Keeler
; APPLICANT: Janet A. Rice
; TITLE OF INVENTION: Synthetic Storage Proteins with Defined Structure Containing F
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: E.I. du Pont de Nemours and Company
; STREET: 1007 Market Street
; CITY: Wilmington
; STATE: Delaware
; COUNTRY: USA
; ZIP: 19898
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: Macintosh
; OPERATING SYSTEM: Macintosh System, 6.0
; SOFTWARE: Microsoft Word, 4.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/182,175A
; FILING DATE:
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/743,006
; FILING DATE: 9 August 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Linda Axamethy Floyd
; REGISTRATION NUMBER: 33,692
; REFERENCE/DOCKET NUMBER: BB-1031
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (302) 992-4929
; TELEFAX: (302) 892-7949
; TELEX: 835420
; INFORMATION FOR SEQ ID NO: 104:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 340 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ORIGINAL SOURCE:
; STRAIN: E. coli
; CELL TYPE: DH5 alpha
; IMMEDIATE SOURCE:
; CLONE: segment 534 [seg 534]
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 3..326
; OTHER INFORMATION: /function="synthetic seed storage protein"
; OTHER INFORMATION: /product="protein"
; OTHER INFORMATION: /gene="ssp"
; OTHER INFORMATION: /standard_name="SSP-534"
US-08-182-175A-104

Query Match 2.1%; Score 41.6; DB 1; Length 340;
Best Local Similarity 46.8%; Pred. No. 0.025;
Matches 131; Conservative 0; Mismatches 149; Indels 0; Gaps 0;
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Db 136 AAAAGATGAAGCCTATGAGAGACAAATGAAATGCCTTGAGCAAAAGATGAAGAACTCG 195
Qy 686 AACAGCTGGCTGTGTACTGTGTCTCTCAAGAAAGATCGAGATCTTAAAGAGCCAC 745
Db 196 AAAGAGAGATGAAGGTCTATGAGAGAGAAAGATGAAAAAGCTCGAAGAAAAAGATGAGGCCAA 255
Qy 746 GGAAGGCCCTCAGGAGGTGCTGACACAGCTGAGGAAGA 785
Db 256 TGAAGACAAAATGAACTGAGGCTTGAGAGAAATGAAGAA 295

RESULT 14
PCT-US92-06412-104
; Sequence 104, Application PC/TUS9206412
; GENERAL INFORMATION:
; APPLICANT: Saverio Carl Falco
; APPLICANT: Sharon J. Keeler
; APPLICANT: Janet A. Rice
; TITLE OF INVENTION: Synthetic Storage Proteins with Defined Structure Containin
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: E.I. du Pont de Nemours and Company
; STREET: 1007 Market Street
; CITY: Wilmington
; STATE: Delaware
; COUNTRY: USA
; ZIP: 19898
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: Macintosh
; OPERATING SYSTEM: Macintosh System, 6.0
; SOFTWARE: Microsoft Word, 4.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US92/06412
; FILING DATE: 19920807
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/743,006
; FILING DATE: 9 August 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Linda Axamethy Floyd
; REGISTRATION NUMBER: 33,692
; REFERENCE/DOCKET NUMBER: BB-1031
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (302) 992-4929
; TELEFAX: (302) 892-7949
; TELEX: 835420
; INFORMATION FOR SEQ ID NO: 104:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 340 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ORIGINAL SOURCE:
; STRAIN: E. coli
; CELL TYPE: DH5 alpha
; IMMEDIATE SOURCE:
; CLONE: segment 534 [seg 534]
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 3..326
; OTHER INFORMATION: /function="synthetic seed storage protein"
; OTHER INFORMATION: /product="protein"
; OTHER INFORMATION: /gene="ssp"
; OTHER INFORMATION: /standard_name="SSP-534"
PCT-US92-06412-104

Query Match 2.1%; Score 41.6; DB 5; Length 340;
Best Local Similarity 46.8%; Pred. No. 0.025;
Matches 131; Conservative 0; Mismatches 149; Indels 0; Gaps 0;
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?      LENGTH: 2580 base pairs
?      TYPE: nucleic acid
?      STRANDEDNESS: unknown
?      TOPOLOGY: unknown
?      MOLECULE TYPE: DNA
?      SEQUENCE DESCRIPTION: SEQ ID NO: 2
US-09-359-081-2

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Query Match	2.0%	Score 41:	DB 4:	Length 2580:
Best Local Similarity	42.8%	Pred NO. 0.059:		
Matches 206; Conservative	0;	Mismatches 275;	Indels 0;	Gaps 0

QY	305	AGGAGGAGGAGAAATGTTTGGATCGAGAAATTTAAAGAAATGAATCAATGCAATGTCAGAG	364
Db	863	AGGAGAGGGGACAGAGGGCCAGAGAGGGCCAGAGACAGAGAGAGGGGACAGAGACAGAGAGAG	922
QY	365	CCCAAGCTTTCCAGAAAGACAGAGAGAAACGACAGCAGCAGGTCAATCGACTGTGC	424
Db	923	GGCAGGAGGGGACAGAGCAGAGAGAGGGGCGAGAGGGGCGAGAGGGGCGAGAGAGAGAG	982
QY	425	GGGATACGCTGGAAAGACGCAATGCTACTGTGGTATCTGTGCAGCAGAGGCTTGGGCAAG	484
Db	983	AGGGGACAGAGACAGAGAGGGCCAGAGGGGCGAGAGGGGCGAGAGCAGAGAGGGGCGAGAGC	1042
QY	485	CCGAGATGCTGTGCTCCACACTGAAAAAGCAGATGAAGTACTTAGACAGACAGCAGAGATG	544
Db	1043	AGGAGGAGGGGACAGAGGGGCGAGAGGGGCGAGAGCAGAGAGGGGCGAGAGGAGGAGGCG	1102
QY	545	AGACCAAAACAAGCAGACAGAGAGGGCGGGCCGCTCAGAGCAGAAATGAAAGACCATGAGAC	604
Db	1103	AGGAGCAGAGAGGGGACAGAGCAGAGAGGGGCGAGAGGCGAGAGCGAGAGGGGCGAGAGG	1162
QY	605	AGATTGAGCTTCTACTCCAGAGGCACACTCCCTCTGAGGTGGAGAGATGATCCACAGACATGG	664
Db	1163	GGCAGGAGCAGAGAGGGGCGAGAGGGGCGAGAGCAGGAGAGGAGGAGGCGAGAGGGGCGAGAGC	1222
QY	665	GTTGGGACACGTACAGCGGTGGAACACACTGGCTGTGTACTGTGTCTCTCAAGAAAGACT	724
Db	1223	AGGAGGAGGGGACAGAGAGGGGCGACAGACAGAGAGGGGCGAGAGGGGCGAGAGCAGGAGGGGC	1282
QY	725	ACGAGAAATCAAAAAGAGGACACGGAGAGGCTCAAGAGAGGTGGCTGCAAGCTGAGAGAAAG	784
Db	1283	AGGAGGGGACAGAGACAGAGAGGGGCGAGAGGGGCGAGAGCAGGAGAGGAGGCGAGAGCAGG	1342
QY	785	A 785	
Db	1343	A 1343	

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RESULT 17
US-09-130-114-1/c
; Sequence 1, Application US/09130114
; Patent No. 5976807
GENERAL INFORMATION:
APPLICANT: Horlick, Robert A.
APPLICANT: Damaj, Bassam B.
APPLICANT: Robbins, Alan K.
TITLE OF INVENTION: Eukaryotic Cells Stably Expressing Genes
TITLE OF INVENTION: From Multiple Transfected Episomes
FILE REFERENCE: 0867/ID903US1
CURRENT APPLICATION NUMBER: US/09/130, 114
CURRENT FILING DATE: 1998-08-06
NUMBER OF SEQ ID NOS: 36
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 1
LENGTH: 5452
TYPE: DNA
ORGANISM: YEBNA
US-09-130-114-1

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Best Local Similarity 42.8%; Pred. No. 0.14;
Matches 206; Conservative 0; Mismatches 275; Indels 0; Gaps 0;

QY	305	AGGAGGAGGGAATGTTCTTGGATTCGAGAAATTTTAAAGAATATACCTGGCAATGTCCAG	364
Db	1942	AGGAGGGGCGAGGAGGGCCAGGAGGGCCAGGAGCAGGAGGAGGGGCGAGGAGCGAGGAGG	18833
QY	365	CCGACGTTTTCCGAGAAAGACAGGAGAAACGACACAGCCAGGTCAATTCGACACTCTGC	424
Db	1882	GGCGAGGAGGGGCGAGGACAGGAGGAGGGGCGAGAGGGGCGAGGAGGGGCGAGAGCGAGGAGG	18233
QY	425	GGGATACGCTGGGAAGAACCGCAATGCTACTGTGGTATCTCTGAGCGAGCGCTTGGGCGAAG	484
Db	1822	AGGGGGCGAGACCGAGAGGGGCGAGGAGGGGCGAGGAGGGGCGAGAGCGAGGAGGGGCGAGGAGCC	17533
QY	485	CCGAGATGCTGTGCTCCACACTGTAAAAACGAGTGAAGTACTTACAGCAGCAGCGAGTGTG	544
Db	1762	AGGAGGAGGGGCGAGGAGGGGCGAGGAGGGGCGAGGAGCGAGGAGGGGCGAGGAGCGAGGAGGGGCG	17033
QY	545	AGACCAACAAGGACCAAGAGAGGGGGGGCGGCTCCGAGGAGCAAGTGAAGACATGAGGCG	604
Db	1702	AGGAGCGAGAGGGGCGAGGACGAGGAGGGGCGAGGAGGGGCGAGGAGCGAGGAGGGGCGAGGAGG	1643
QY	605	AGATTGAGCTTCTACTCCAGAGCCAGCTCCCTTGAGGTGGAGGAGATGATCCGAGCATGTG	664
Db	1642	GGCGAGGAGCGAGGAGGGGCGAGGAGGGGCGAGGAGCGAGGAGGAGGGGCGAGGAGGGGCGAGGAGC	15833
QY	665	GTTGGGACAGTCCAGCGGTGTGAACACTCTGGCTGTGTACTGTGTCTCTCAAGAAAGT	724
Db	1582	AGGAGGAGGGGCGAGGAGGGGCGAGGAGCGAGGAGGGGCGAGGAGGGGCGAGGAGCGAGGAGGGGCG	15233
QY	725	ACGAGAAATTTAAAGAGGCGACGGAAGGCCCTACGAGGAGTGTGCTCAACAATGTGAGGAAG	784
Db	1522	AGGAGGGGCGAGGAGCGAGGAGGGGCGAGGAGGGGCGAGGAGCGAGGAGGAGGGGCGAGGAGCGAGG	14633
QY	785	A 785	
Db	1462	A 1462	

RESULT 18
 US-08-910-647-1
 Sequence 1, Application US/08910647
 Patent No. 6251433
 GENERAL INFORMATION:
 APPLICANT: Zuckermann et al.
 TITLE OF INVENTION: Compositions and Methods for
 Nucleic Acid Sequencing
 NUMBER OF INVENTIONS: 1
 NUMBER OF SEQUENCES: 4
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Chilton Corporation
 STREET: 4560 Horton Street
 CITY: Emeryville
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 94608-2916
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/910,647
 FILING DATE:
 CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: Fujita, Sharon M.
 REGISTRATION NUMBER: 38,459
 REFERENCE/DOCKET NUMBER: 1218.002
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (510) 923-2706
 TELEFAX: (510) 655-3542
 INFORMATION FOR SEQ ID NO: 1:

Db 2743 GGCAGAGCAGCAGAGGGGCGAGGAGCAGCAGAGGAGGAGGCGCAGAGAGC 2802
QY 665 GTGTGGACAGTACGAGCGGTGGAACAGCTGGCTGTACTGTGTCTCTTAAGAAAGACT 724
Db 2803 AGGAGAGGGGCGAGAGGGGCGAGGAGGCGCAGAGAGGGGCGAGAGCAGAGGGGC 2862
QY 725 ACAGATCTTAAAGAGGCGCAGAGGAGGCGCTCAGGGAGGTGGCTGACCAAGCTGAGGAAG 784
Db 2863 AGGAGGGGCGAGGAGCAGAGGAGGGGCGCAGAGGAGGAGGAGGAGGCGCAGAGCAGG 2922
QY 785 A 785
Db 2923 A 2923

RESULT 22
US-08-194-088B-15
; Sequence 15, Application US/08194088B
; Patent No. 5580963
; GENERAL INFORMATION:
; APPLICANT: Godowski, Paul J. Lokker, Nathalie A. Mark, Melanie R.
; TITLE OF INVENTION: SINGLE-CHAIN HEPATOCTE GROWTH FACTOR VARIANTS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: patin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/194,088B
; FILING DATE: 09-FEB-1994
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/884811
; FILING DATE: 18-MAY-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Gallegos, R. Thomas
; REGISTRATION NUMBER: 32,692
; REFERENCE/DOCKET NUMBER: 75SD1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-2614
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10596 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-194-088B-15

Query Match 2.0%; Score 41; DB 1; Length 10596;
Best Local Similarity 42.8%; Pred. No. 0.2;
Matches 206; Conservative 0; Mismatches 275; Indels 0; Gaps 0;

QY 305 AGGAGAGGAGAAATGCTTGGATCGAGAAATTTAAAGAAATGAAGTGAACATGTCAGAG 364
Db 2443 AGGAGGGGCGAGGAGGCGCAGAGGCGCAGAGAGGAGGCGCAGAGCAGAGAGAGG 2502
QY 365 CCGAGCTTCCCAAG 424
Db 2503 GCGAGGAGGGGCGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 2562
QY 425 GCGATACGCTGAAGAGCAATGCTACTGTGTATCTCTGACAGAGGCTTGGCAAGG 484

Db 2563 AGGCGCAGAGCAGCAGAGGGGCGAGGAGGCGCAGAGGCGCAGAGGCGCAGAGAGC 2622
QY 485 CCGAGATGCTGTCTTCCACACTGAAAAAGCAGATGAAGTACTTAGAGCAGCAGCAGATG 544
Db 2623 AGGAGAGGGGCGAGGAGGGGCGAGGAGGGGCGAGGAGGAGGAGGAGGAGGAGGAGG 2682
QY 545 AGACCAACAGCAGCAAGAGAGGAGGGGCGGCGCTCAGAGCAGCAAGTGAAGACCATGAGC 604
Db 2683 AGGAGCAGAGGGGCGAGGAGCAGAGCAGAGGAGGCGCAGAGGAGGAGGAGGAGGAGG 2742
QY 605 AGATTGAGCTTCTACTCCAGAGCCAGCTCCCTGAGGTGAGAGATGATCCGAGACATG 664
Db 2743 GGCAGAGCAGAGAGGGGCGAGGAGGCGCAGAGAGCAGAGGAGGAGGAGGAGGAGGAGC 2802
QY 665 GTGTGGACAGTACGAGCGGTGGAACAGCTGGCTGTACTGTGTCTTCAAGAAAGACT 724
Db 2803 AGGAGAGGGGCGAGAGGGGCGAGGAGGCGCAGAGGAGGCGCAGAGGAGGAGGAGGAGG 2862
QY 725 ACAGATCTTAAAGAGGCGCAGAGGAGGCGCTCAGGGAGGTGGCTGACCAAGCTGAGGAAG 784
Db 2863 AGGAGGGGCGAGGAGCAGAGGAGGGGCGCAGAGGAGGAGGAGGAGGAGGAGGAGCAGG 2922
QY 785 A 785
Db 2923 A 2923

RESULT 23
US-08-194-087-15
; Sequence 15, Application US/08194087
; Patent No. 5879910
; GENERAL INFORMATION:
; APPLICANT: Godowski, Paul J. Lokker, Nathalie A. Mark, Melanie R.
; TITLE OF INVENTION: HEPATOCTE GROWTH FACTOR PROTEASE DOMAIN VARIANTS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: patin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/194,087
; FILING DATE: 18-MAY-1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Dregier, Ginger R.
; REGISTRATION NUMBER: 33,055
; REFERENCE/DOCKET NUMBER: 779
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-3216
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10596 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-194-087-15

Query Match 2.0%; Score 41; DB 2; Length 10596;

Best Local Similarity 42.8%; Pred. No. 0.2;
Matches 206; Conservative 0; Mismatches 275; Indels 0; Gaps 0;

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QY 305 AGGAGGAGGAATGCTCTGGATGAGCAATCTTAAAGATGAATGACATGTCAGAG 364
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Db 2443 AGGAGGAGGCGAGAGGCGAGGCGAGGCGAGGCGAGGCGAGGCGAGGCGAGGCG 2502
QY 365 CCCAGCTTCCCAAGAAAGACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 424
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 2503 GGCAGAGAGGCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 2562
QY 425 GGCATACGCTGGAAAGAACCAATCTACTGTGTATCTCTGACAGAGGCTTGGGCAAG 484
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Db 2563 AGGGGCGAGAGCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 2622
QY 485 CCGAGATGCTGTGCTCCACACTGAAAAAGCATGAGTACTTGAAGCAGAGAGATG 544
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 2623 AGGAGAGAGGCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 2682
QY 545 AGACCAACACAGCACAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 604
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Db 2683 AGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 2742
QY 605 AGATTGACTTCTTACTCCAGAGCCACTCCCTGAGGTGAGAGAGATGATCCGAGACATGG 664
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Db 2743 GGCAGAGAGCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 2802
QY 665 GTGTGGGACAGTCAGCGGTGGAACAGCTGGCTGTACTGTCTCTCAAGAAAGAT 724
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Db 2803 AGGAGAGAGGCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 2862
QY 725 ACAGAAATCTTAAAAAGAGCAGCGAGAGGCTCAGGGGAGGTGCTGACAGCTGAGAGAG 784
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Db 2863 AGGAGGGGCGAGAGACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 2922
QY 785 A 785
Db 2923 A 2923

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PCT-US93-04648-15
; Sequence 15, Application PC/TUS9304648
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc., Godowski, Paul J., Lokker, Natalie A., Mark, Melanie R
; TITLE OF INVENTION: HEPATOCYTE GROWTH FACTOR VARIANTS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: patin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/04648
; FILING DATE: 19930517
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/884811
; FILING DATE: 18-MAY-92
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/885971
; FILING DATE: 18-MAY-92
; ATTORNEY/AGENT INFORMATION:
; NAME: Dreger, Ginger R.
; REGISTRATION NUMBER: 33,055
; REFERENCE/DOCKET NUMBER: 755,779P1
```

TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-3216
; TELEFAX: 415/952-9881
; TELEEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10596 bases
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
PCT-US93-04648-15

Query Match 2.0%; Score 41; DB 5; Length 10596;
Best Local Similarity 42.8%; Pred. No. 0.2;

Matches 206; Conservative 0; Mismatches 275; Indels 0; Gaps 0;

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QY 305 AGGAGAGAGGAATGCTCTGGATGAGCAATCTTAAAGATGAATGACATGTCAGAG 364
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 2443 AGGAGGCGCAGAGAGGCGCAGAGGCGCAGAGCAGAGAGAGAGGCGCAGAGAGAGAG 2502
QY 365 CCCAGCTTCCCAAGAAAGACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 424
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 2503 GGCAGAGGCGCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 2562
QY 425 GGCATACGCTGGAAGAACCAATGCTACTGTGTATCTCTGACAGAGGCTTGGGCAAG 484
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 2563 AGGGGCGAGAGCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 2622
QY 485 CCGAGATGCTGTGCTCCACACTGAAAAAGCATGAGTACTTGAAGCAGAGAGATG 544
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 2623 AGGAGAGGCGCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 2682
QY 545 AGACCAACACAGCACAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 604
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 2683 AGGAGCGAGAGGCGAGAGACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 2742
QY 605 AGATTGACTTCTTACTCCAGAGCCACTCCCTGAGGTGAGAGAGATGATCCGAGACATGG 664
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 2743 GGCAGAGAGCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 2802
QY 725 ACAGAAATCTTAAAAAGAGCAGCGAGAGGCTCAGGGGAGGTGCTGACAGCTGAGAGAG 784
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 2803 AGGAGGCGGCGAGAGACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 2862
QY 725 ACAGAAATCTTAAAAAGAGCAGCGAGAGGCTCAGGGGAGGTGCTGACAGCTGAGAGAG 784
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 2863 AGGAGGGGCGAGAGACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 2922
QY 785 A 785
Db 2923 A 2923

RESULT 25
US-08-317-522A-8
; Sequence 8, Application US/08317522A
; Patent No. 5599918
; GENERAL INFORMATION:
; APPLICANT: Fukuda, Michiko N.
; TITLE OF INVENTION: Trophinin and Trophinin-Assisting
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell and Flores
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 2223 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: CDS
LOCATION: 199..2223
US-08-751-965-8

Query Match 2.0%; Score 40; DB 2; Length 2223;
Best Local Similarity 48.3%; Pred. No. 0.18;
Matches 112; Conservative 0; Mismatches 120; Indels 0; Gaps 0;

QY 464 TGCAGCAGCGCTTGGCCAGAGCCGAGATGCTGTGCTCCACACTGAAAGACAGATGAGT 523
DB 1298 TGCAGCAGAGAACTGACGAGGAGGATCGTGTATCAAGACAGAGAACAGAGAGAGG 1357
QY 524 ACTTAGAGCAGCAGCAGATGAGACCAACAGACAGAGAGCGCGCGCTCAGGA 583
DB 1358 AAGAAGAGAGAGAGAGATGAGCTGCCGACACTTGCAATCCCTTGGGAGCTGTCCG 1417
QY 584 GCAAGATGAAGACCATGAGCAGATTGAGCTTCTACTCCAGAGCAGCTCTGAGGTG 643
DB 1418 GGAGATATGAGGCGCAGTATGTACCAAGACCCCGCTGCCGCGGAGATGTCCCGAGGGCG 1477
QY 644 AGGAGATGATCCGAGACATGGTGTGGAGACATGACGGTGAACAGCTGGC 695
DB 1478 AGGAGAGCCCCCGCCCTGACAGTTGGAAACCCCGCAGTGAAGAGCTGGC 1529

RESULT 28
US-08-738-975-8
Sequence 8, Application US/08738975
Patent No. 5880267
GENERAL INFORMATION:
APPLICANT: Fukuda, Michiko N.
TITLE OF INVENTION: Trophinin and Trophinin-Assisting
TITLE OF INVENTION: Proteins
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell and Flores
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: USA
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/738,975
FILING DATE: herewith
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/439,818
FILING DATE: 05-Dec-1995
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-LA 2251
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:

LENGTH: 2223 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: CDS
LOCATION: 199..2223
US-08-738-975-8

Query Match 2.0%; Score 40; DB 2; Length 2223;
Best Local Similarity 48.3%; Pred. No. 0.18;
Matches 112; Conservative 0; Mismatches 120; Indels 0; Gaps 0;

QY 464 TGCAGCAGCGCTTGGCCAGAGCCGAGATGCTGTGCTCCACACTGAAAGACAGATGAGT 523
DB 1298 TGCAGCAGAGAACTGACGAGGAGGATCGTGTATCAAGACAGAGAACAGAGAGAGG 1357
QY 524 ACTTAGAGCAGCAGCAGATGAGACCAACAGACAGAGAGCGCGCGCTCAGGA 583
DB 1358 AAGAAGAGAGAGAGAGATGAGCTGCCGACACTTGCAATCCCTTGGGAGCTGTCCG 1417
QY 584 GCAAGATGAAGACCATGAGCAGATTGAGCTTCTACTCCAGAGCAGCTCTGAGGTG 643
DB 1418 GGAGATATGAGGCGCAGTATGTACCAAGACCCCGCTGCCGCGGAGATGTCCCGAGGGCG 1477
QY 644 AGGAGATGATCCGAGACATGGTGTGGAGACATGACGGTGAACAGCTGGC 695
DB 1478 AGGAGAGCCCCCGCCCTGACAGTTGGAAACCCCGCAGTGAAGAGCTGGC 1529

RESULT 29
US-08-728-626-8
Sequence 8, Application US/08728626
Patent No. 5910451
GENERAL INFORMATION:
APPLICANT: Fukuda, Michiko N.
TITLE OF INVENTION: Trophinin and Trophinin-Assisting
TITLE OF INVENTION: Proteins
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell and Flores
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: USA
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/728,626
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/439,818
FILING DATE: 12-MAY-1995
APPLICATION NUMBER: US 08/317,522
FILING DATE: 04-OCT-1994
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-LA 1563
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-8949
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 2223 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
FEATURE:
NAME/KEY: CDS
LOCATION: 199..2223
US-08-728-626-8

Query Match 2.0%; Score 40; DB 2; Length 2223;
Best Local Similarity 48.3%; Pred. No. 0.18;
Matches 112; Conservative 0; Mismatches 120; Indels 0; Gaps 0;

QY 464 TGCAGAGCGCTTGGCCAAAGCCGAGATGCTGTCTCCACACTGAAAAGCAGATGAAGT 523
|||||
DB 1298 TGCAGAGAGGAAGTACAGAGAGGAGGATCGTGTCAAGACAGAGAAACAGAGAGAGG 1357
QY 524 ACTTAGAGCAGCAGAGATGAGACCAACAAACAGAGAGAGCGCGCGGCTCAGGA 583
|||||
DB 1358 AAGAAAGAGGAG 1417
QY 584 GCAAGATGAAGACCATGAGCAGATTGAGCTTCTACTCCAGAGCCAGCTCCAGAGTGG 643
|||||
DB 1418 GGAATATGAGGCGCAGATATGACCAAGACCCCGCTGCCCGGGGAGAGATGTCCCGAGGGCG 1477
QY 644 AGAGATGATCCGAGACATGGTGTGGGACAGTCAGCGGTGGAACAGCTGGC 695
|||||
DB 1478 AGGAGAGCCCCCGCCCTGCAAGTTGGAAACCCCGCAGTGAAGAGGCTGGC 1529

RESULT 30

US-08-808-599A-8
Sequence 8, Application US/08808599A
Patent No. 6111089

GENERAL INFORMATION:

APPLICANT: Fukuda, Michiko N.
TITLE OF INVENTION: Trophinin, Trophinin-Assisting
TITLE OF INVENTION: Proteins and Methods to Inhibit Implantation
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:

ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: USA
ZIP: 92122

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/808,599A
FILING DATE: 28-FEB-1997

CLASSIFICATION:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 424

FILING DATE: 04-OCT-1994

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/439,818

FILING DATE: 12-MAY-1995

ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.

REGISTRATION NUMBER: 31,815

REFERENCE/DOCKET NUMBER: P-LA 2256

TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001

TELEFAX: (619) 535-8949

INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:

LENGTH: 2223 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

FEATURE:

NAME/KEY: CDS
LOCATION: 199..2223
US-08-808-599A-8

Query Match 2.0%; Score 40; DB 3; Length 2223;
Best Local Similarity 48.3%; Pred. No. 0.18;
Matches 112; Conservative 0; Mismatches 120; Indels 0; Gaps 0;

QY 464 TGCAGAGCGCTTGGCCAAAGCCGAGATGCTGTCTCCACACTGAAAAGCAGATGAAGT 523
|||||
DB 1298 TGCAGAGAGGAAGTACAGAGAGGAGGATCGTGTCAAGACAGAGAAACAGAGAGAGG 1357
QY 524 ACTTAGAGCAGCAGAGATGAGACCAACAAACAGAGAGAGCGCGCGGCTCAGGA 583
|||||
DB 1358 AAGAAAGAGGAG 1417
QY 584 GCAAGATGAAGACCATGAGCAGATTGAGCTTCTACTCCAGAGCCAGCTCCAGAGTGG 643
|||||
DB 1418 GGAATATGAGGCGCAGATATGACCAAGACCCCGCTGCCCGGGGAGAGATGTCCCGAGGGCG 1477
QY 644 AGAGATGATCCGAGACATGGTGTGGGACAGTCAGCGGTGGAACAGCTGGC 695
|||||
DB 1478 AGGAGAGCCCCCGCCCTGCAAGTTGGAAACCCCGCAGTGAAGAGGCTGGC 1529

RESULT 31

US-08-785-420-1
Sequence 1, Application US/08785420
Patent No. 6001976

GENERAL INFORMATION:

APPLICANT: MacLennan, David H
TITLE OF INVENTION: DIAGNOSIS FOR PORCINE MALIGNANT
TITLE OF INVENTION: HYPERHERMIA
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:

ADDRESSEE: Bell, Seltzer, Park & Gibson
STREET: P.O. Drawer 34009
CITY: Charlotte
STATE: NO. 6001976th Carolina 28234
COUNTRY: U.S.A.
ZIP: 28234

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/785,420
FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/249,388

FILING DATE:

APPLICATION NUMBER: US 08/030,159

FILING DATE: 15-MAR-1993

ATTORNEY/AGENT INFORMATION:
NAME: Layton, Jr., Samuel G.

REGISTRATION NUMBER: 22807

REFERENCE/DOCKET NUMBER: 3477-73

TELECOMMUNICATION INFORMATION:
TELEPHONE: 704-377-1561

TELEFAX: 704-334-2014

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 15378 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: NO

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;      ANTI-SENSE: NO
;      IMMEDIATE SOURCE:
;      CLONE: Porcine RYR1 Gene
;      POSITION IN GENOME:
;      UNITS: bp
US-08-785-420-1

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Query Match	2.08;	Score 39.2;	DB 3;	length 15378;
Best Local Similarity	49.58;	Pred. No. 0.76;		
Matches 101; Conservative	0;	Mismatches 103;	Indels 0;	Gaps 0;

QY	588	GATCAACACCATGGAGCAGATTGAGTTCTACTCCAGACGACAGCCTCCCTGAGGTGAGAGA	647
Db	5709	GAAACAGATCTTGAAGATGATTGAGCCCGCAGATATTCTACTGAGGAAGAAGAGGAGAGAGA	5768
QY	648	GATGATCCGAGACATGGGTGTGGACAGTACGCCGTGGAACAGCTGGCTGTACTGTCT	707
Db	5769	GGAGGAAGAAGAGGAGGAAGAAGAATGAGGAGGAAGAAGAGAGAGATGACGACGAGAGA	5828
QY	708	GTCCTCAGACAAGAGTACGAGAAATCTAAAGAGGCAAGGCGCTCAGGGGAGGTGSC	767
Db	5829	GGCAGCGGAGAGAGGATGATGAGCAAAAAGAGGAAGAGACAGCAGAAAGGGGAAAAAGA	5888
QY	768	TGACAGCTGAGGAAGATTTGTT	791
Db	5889	AGAATACTGGAGGAAGGCTGCT	5912

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RESULT 32
US-08-557-309B-16
: Sequence 16, Application US/08557309B
: Patent No. 5916572
:
: GENERAL INFORMATION:
:
: APPLICANT: Reed, Steven G.
: APPLICANT: Skelvy, Yasir A.W.
: APPLICANT: Lodes, Michael J.
: APPLICANT: Houghton, Raymond L.
: TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DETECTION AND
: PREVENTION OF T
: NUMBER OF SEQUENCES: 69
: CORRESPONDENCE ADDRESS:
:

```

ADDRESSEE: SEED AND BERRY LLP
 STREET: 6300 Columbia Center, 701 Fifth Avenue
 City: Seattle
 STATE: Washington
 COUNTRY: USA
 ZIP: 98104-7092
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/557,309B
 FILING DATE: 14-NOV-1995
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Maki, David J.
 REGISTRATION NUMBER: 31,392
 REFERENCE/DOCKET NUMBER: 210121.422
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (206) 622-4900
 TELEFAX: (206) 682-6031
 INFORMATION FOR SEO ID NO: 16:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 456 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

Query Match	1.98;	Score 39;	DB 2;	Length 456;
-------------	-------	-----------	-------	-------------

Best Local Similarity 44.68; Pred. No. 0.15;
Matches 153; Conservative 0; Mismatches 190; Indels 0; Gaps 0;

OY	305	AGGAGGAGACAATGCTCTGGATGAGAAATCTTAAAGATTAAGATGAATGACAAATGTCAGAG	354
		111 111 111 111 111 111 111 111 111 111 111 111 111 111 111 111 111	
Db	57	AGAGGAGATGACCCCTGGCGGAGAAATCCCAAGCTGCAGAAAGAGGAGATGACCCCTGG	116
OY	365	CCCAAGCTTTCCCAAGAAACAGAGAAACGACACAGCCAGGTCATCATCGACACTTGC	424
		111 111 111 111 111 111 111 111 111 111 111 111 111 111 111 111	
Db	117	CGAGAAATGCCCACTGTGAGAAAGAGGAGATGACGCCGTGGCGGAAATGCCACGCTGC	176
OY	425	GGGATACCTCTGAAGAAACGCAATCTACTGTGATCTCTGCACAGAGCCTTGGGCAAG	484
		111 111 111 111 111 111 111 111 111 111 111 111 111 111 111 111	
Db	177	AGAAAGAGAGGAGATGAGCCCTGGCGGAGAAATGCCCAAGCTGCAGAAAGAGAGGAGCAAG	236
OY	485	CCGAGATGCTTGCTCCACACTGAAAAAGCAGATGAAGTACTTAAGACAGCAGCAGAGATG	544
		111 111 111 111 111 111 111 111 111 111 111 111 111 111 111 111	
Db	237	CCGTGGCGGAAATGCCAGCTGTGAGAGGAGAGGAGATGACGCCGTGGCGGAGAGATCCC	296
OY	545	AGACCAACAGCAACAAGAGAGGCGGCGGCTCAGAGACCAAGATGAACCATGTGAGC	604
		111 111 111 111 111 111 111 111 111 111 111 111 111 111 111 111	
Db	297	AGCTGCAACAAGAGAGGAGATTAACCCCTGGCGGAGAAATGCCCAAGCTCAACAGGAGAGGG	356
OY	605	AGATTGAGCTTCTACTCCAGAGCCAGCTCCCTGAGGTGGAGGA	647
		111 111 111 111 111 111 111 111 111 111 111 111 111 111 111 111	
Db	357	ATGAAGCCGTGGCGAGAAATCCCAAGCTGTGAGAAAGAGAGAGGA	399

```

1      RESULT 33
2      US-08-834-306-16
3      : Sequence 16, Application US/08834306
4      : Patent No. 6054135
5      : GENERAL INFORMATION:
6      : APPLICANT: Reed, Steven G.
7      : APPLICANT: Skeiky, Yasir A.W.
8      : APPLICANT: Lodes, Michael J.
9      : APPLICANT: Houghton, Raymond L.
10     : TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DETECTION AND
11     : NUMBER OF SEQUENCES: 65
12     : CORRESPONDENCE ADDRESS:
13     : ADDRESSEE: SEED and BERRY LLP
14     : STREET: 6300 Columbia Center, 701 Fifth Avenue
15     : CITY: Seattle
16     : STATE: Washington
17     : COUNTRY: USA
18     : ZIP: 98104-7092
19     : COMPUTER READABLE FORM:
20     : MEDIUM TYPE: Floppy disk
21     : COMPUTER: IBM PC compatible
22     : OPERATING SYSTEM: PC-DOS/MS-DOS
23     : SOFTWARE: Patentin Release #1.0, Version #1.30
24     : CURRENT APPLICATION DATA:
25     : APPLICATION NUMBER: US/08/834,306
26     : FILING DATE: 15-APR-1997
27     : CLASSIFICATION: 424
28     : ATTORNEY/AGENT INFORMATION:
29     : NAME: Makl, David J.
30     : REGISTRATION NUMBER: 31,392
31     : REFERENCE/DOCKET NUMBER: 210121.422C1
32     : TELECOMMUNICATION INFORMATION:
33     : TELEPHONE: (206) 622-4900
34     : TELEFAX: (206) 682-6031
35     : INFORMATION FOR SEQ ID NO: 16:
36     : SEQUENCE CHARACTERISTICS:
37     : LENGTH: 456 base pairs
38     : TYPE: nucleic acid
39     : STRANDEDNESS: single
40     : TOPOLOGY: linear
41     : US-08-834-306-16

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Query Match	1.98;	Score 39;	DB 3;	Length 456;
Best Local Similarity	44.68;	Pred. No. 0.15;		

REFERENCE/DOCKET NUMBER: 1447-104P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-205-8000
TELEFAX: 703-205-8050
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2793 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: Nephila clavipes
TISSUE TYPE: minor ampullate gland
FEATURE:
NAME/KEY: CDS
LOCATION: 183..2675
OTHER INFORMATION: /product= "N. clavipes minor
OTHER INFORMATION: ampullate silk protein"
US-08-209-747-1

Query Match 1.9%; Score 38.6; DB 1; Length 2793;
Best Local Similarity 47.3%; Pred. No. 0.49;
Matches 116; Conservative 0; Mismatches 129; Indels 0; Gaps 0;

QY 455 TGGTATCTCTGCAGCAGCGCCCTTGGCAAGCGCCAGATGCTGCTCCACACTGAAAAAGC 514
DB 2026 TGGTGTCTGCTGCAGCTGCTGCTGCAGATCCGAGCGCGCTGGTGTACGCTAGAGGTGC 2085
QY 515 AGATGAAGTACTTATAGACAGCAGCAGAGATGACCAACAAGCACAAGAGAGCGCGCC 574
DB 2086 TGGTGTCTGCAGCGCCGTCGAGAGACTGAGCGCTGCAGAGTGTGAGCAGAGACTGAGG 2145
QY 575 GGCTCAGGACAAGATGAAGACCATGAGCAGATTGAGCTTCTACTCCAGAGCCAGCTCC 634
DB 2146 CTACGGTGTGTCAGAGTGATACGCTCCGAGCAGAGAGCTGTGACGCTGTGAGCAGG 2205
QY 635 CTGAGTGGAGAGATGATCCGAGACATGGGTGGGACAGTACAGCGTGGAACAGCTGG 694
DB 2206 AGCCGAGCTGGAGGTTACGGAAGAGGTGCTGTGCTGAGGCTACGCTGACACAAGGAGG 2265
QY 695 CTGTG 699
DB 2266 ATATG 2270

RESULT 38
US-08-458-298-1
; Sequence 1, Application US/08458298
; Patent No. 5756677
; GENERAL INFORMATION:
; APPLICANT: Lewis, Randolph V.
; APPLICANT: Colgin, Mark
; TITLE OF INVENTION: CDNAS Encoding Minor Ampullate spider
; NUMBER OF SEQUENCES: 56
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Birch, Stewart, Kolasch & Birch
; STREET: P.O. Box 747
; CITY: Falls Church
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22040-3487
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/458,298
; FILING DATE: 02-JUN-1995

CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/209,747
FILING DATE: 14-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Murphy Jr., Gerald M.
REGISTRATION NUMBER: 28,977
REFERENCE/DOCKET NUMBER: 1447-104P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-205-8000
TELEFAX: 703-205-8050
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2793 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: Nephila clavipes
TISSUE TYPE: minor ampullate gland
FEATURE:
NAME/KEY: CDS
LOCATION: 183..2675
OTHER INFORMATION: /product= "N. clavipes minor
OTHER INFORMATION: ampullate silk protein"
US-08-458-298-1

Query Match 1.9%; Score 38.6; DB 1; Length 2793;
Best Local Similarity 47.3%; Pred. No. 0.49;
Matches 116; Conservative 0; Mismatches 129; Indels 0; Gaps 0;

QY 455 TGGTATCTCTGCAGCAGCGCCCTTGGCAAGCGCCAGATGCTGCTCCACACTGAAAAAGC 514
DB 2026 TGGTGTCTGCTGCAGCTGCTGCTGCAGATCCGAGCGCGCTGGTGTACGCTAGAGGTGC 2085
QY 515 AGATGAAGTACTTATAGACAGCAGCAGAGATGACCAACAAGCACAAGAGAGCGCGCC 574
DB 2086 TGGTGTCTGCAGCGCCGTCGAGAGACTGAGCGCTGCAGAGTGTGAGCAGAGACTGAGG 2145
QY 575 GGCTCAGGACAAGATGAAGACCATGAGCAGATTGAGCTTCTACTCCAGAGCCAGCTCC 634
DB 2146 CTACGGTGTGTCAGAGTGATACGCTCCGAGCAGAGAGCTGTGACGCTGTGAGCAGG 2205
QY 635 CTGAGTGGAGAGATGATCCGAGACATGGGTGGGACAGTACAGCGTGGAACAGCTGG 694
DB 2206 AGCCGAGCTGGAGGTTACGGAAGAGGTGCTGTGCTGAGGCTACGCTGACACAAGGAGG 2265
QY 695 CTGTG 699
DB 2266 ATATG 2270

RESULT 39
US-08-137-117D-85/C
; Sequence 85, Application US/08137117D
; Patent No. 5795965
; GENERAL INFORMATION:
; APPLICANT: TSUCHIYA, Masayuki
; APPLICANT: SATO, Koh
; APPLICANT: BENDIG, Mary
; APPLICANT: JONES, Steven
; APPLICANT: SALDANHA, Jose
; TITLE OF INVENTION: RESHAPED HUMAN ANTIBODY TO HUMAN
; NUMBER OF SEQUENCES: 158
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington
; STATE: D.C.

```

? COUNTRY: USA
? ZIP: 20007-5109
? COMPUTER READABLE FORM:
? MEDIUM TYPE: Floppy disk
? COMPUTER: IBM PC compatible
? OPERATING SYSTEM: PC-DOS/MS-DOS
? SOFTWARE: PatentIn Release #1.0, Version #1.30
? CURRENT APPLICATION DATA:
? APPLICATION NUMBER: US/08/137,117D
? FILING DATE: 20-DEC-1993
? CLASSIFICATION: 530
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: WO PCT/JP92/00544
? FILING DATE: 24-APR-1992
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: JP 4-32084
? FILING DATE: 19-FEB-1992
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: JP 3-95476
? FILING DATE: 25-APR-1991
? ATTORNEY/AGENT INFORMATION:
? NAME: WEGNER, Harold C.
? REGISTRATION NUMBER: 25,258
? REFERENCE/DOCKET NUMBER: 53466/126/AAOK
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: (202)672-5300
? TELEFAX: (202)672-5399
? TELEX: 904136
? INFORMATION FOR SEQ ID NO: 85:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 414 base pairs
? TYPE: nucleic acid
? STRANDEDNESS: single
? TOPOLOGY: linear
? FEATURE:
? NAME/KEY: CDS
? LOCATION: 12..401
? FEATURE:
? NAME/KEY: mat_peptide
? LOCATION: 12..401
? US-08-137-117D-85

Query Match 1.9%; Score 37.8; DB 1; Length 414;
Best Local Similarity 57.0%; Pred. No. 0.32;
Matches 69; Conservative 0; Mismatches 52; Indels 0; Gaps 0;

QY 1737 AGCAGGTCGCTGCTGTGTCAGGCTCTTTATAGCCATGATCAGATGTGTCAGACT 1796
    ||| ||||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 209 AGCCTTTCCTGCGCTTCGTGTCAGTGCATATACATATAGCCAGATGTACTAACACT 150

QY 1797 CTTTCGGGCGCTGAGACACGAGTCTGTGACGTCTCTCTGTGACACGAGAGCTTGA 1856
    ||| ||||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 149 CTTGCTGCGCTACAGGTGATGTCACCTGTGTACCCACCGCTGGCGCTGAGGCTGTTGG 90

QY 1857 G 1857
    |
Db 89 G 89

RESULT 40
US-08-436-717-85/C
; Sequence 85, Application US/08436717
; Patent No. 5817790
; GENERAL INFORMATION:
; APPLICANT: TSUCHIYA, Masayuki
; APPLICANT: SATO, Koh
; APPLICANT: BENDIG, Mary
; APPLICANT: JONES, Steven
; APPLICANT: SALDANHA, Jose
; TITLE OF INVENTION: RESHAPED HUMAN ANTIBODY TO HUMAN
; TITLE OF INVENTION: INTERLEUKIN-6 RECEPTOR
; NUMBER OF SEQUENCES: 158
```

```

? CORRESPONDENCE ADDRESS:
? ADDRESSEE: Foley & Lardner
? STREET: 3000 K Street, N.W., Suite 500
? CITY: Washington
? STATE: D.C.
? COUNTRY: USA
? ZIP: 20007-5109
? COMPUTER READABLE FORM:
? MEDIUM TYPE: Floppy disk
? COMPUTER: IBM PC compatible
? OPERATING SYSTEM: PC-DOS/MS-DOS
? SOFTWARE: PatentIn Release #1.0, Version #1.30
? CURRENT APPLICATION DATA:
? APPLICATION NUMBER: US/08/436,717
? FILING DATE:
? CLASSIFICATION: 536
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: US/08/137,117
? FILING DATE: 20-DEC-1993
? APPLICATION NUMBER: WO PCT/JP92/00544
? FILING DATE: 24-APR-1992
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: JP 4-32084
? FILING DATE: 19-FEB-1992
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: JP 3-95476
? FILING DATE: 25-APR-1991
? ATTORNEY/AGENT INFORMATION:
? NAME: WEGNER, Harold C.
? REGISTRATION NUMBER: 25,258
? REFERENCE/DOCKET NUMBER: 53466/126/AAOK
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: (202)672-5300
? TELEFAX: (202)672-5399
? TELEX: 904136
? INFORMATION FOR SEQ ID NO: 85:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 414 base pairs
? TYPE: nucleic acid
? STRANDEDNESS: single
? TOPOLOGY: linear
? FEATURE:
? NAME/KEY: CDS
? LOCATION: 12..401
? FEATURE:
? NAME/KEY: mat_peptide
? LOCATION: 12..401
? US-08-436-717-85

Query Match 1.9%; Score 37.8; DB 1; Length 414;
Best Local Similarity 57.0%; Pred. No. 0.32;
Matches 69; Conservative 0; Mismatches 52; Indels 0; Gaps 0;

QY 1737 AGCAGGTCGCTGCTGTGTCAGGCTCTTTATAGCCATGATCAGATGTGTCAGACT 1796
    ||| ||||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 209 AGCCTTTCCTGCGCTTCGTGTCAGTGCATATACATATAGCCAGATGTACTAACACT 150

QY 1797 CTTTCGGGCGCTGAGACACGAGTCTGTGACGTCTCTCTGTGACACGAGAGCTTGA 1856
    ||| ||||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 149 CTTGCTGCGCTACAGGTGATGTCACCTGTGTACCCACCGCTGGCGCTGAGGCTGTTGG 90

QY 1857 G 1857
    |
Db 89 G 89
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Search completed: September 4, 2002, 13:50:15
Job time: 12669 sec

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